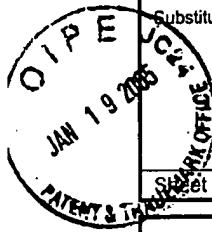


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<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> <p>SEARCHED _____ SERIALIZED _____ INDEXED _____ FILED _____</p>				Complete if Known	
				Application Number	09/731,481
				Filing Date	12/6/2000
				First Named Inventor	Liu
				Art Unit	2623
				Examiner Name	ANAND P BHATNAGAR
				Attorney Docket Number	MS1-684US
Sheet	1	of	2		



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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
AB		JP 11-1612821	06-1999	Chinichi	G06T 17/40

**Examiner
Signature**

Gianni Platania

Date
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11/21/2015

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		Application Number	09/731,481
		Filing Date	12/6/2000
		First Named Inventor	Liu
		Group Art Unit	2623
		Examiner Name	ANAND P BHATNAGAR
(use as many sheets as necessary)		Attorney Docket Number	MS1-684US
ITEM 3.1A SEARCHED	2	of	2

NON PATENT LITERATURE DOCUMENTS

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<i>AB</i>		Ohya et al., "Artistic Anatomy Based Real Time Reproduction of Facial Expressions", IEEE 0-7695-0253, 684689, 7 pages.	

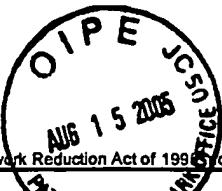
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Sheet 1 of 2

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Application Number	09/731,481
Filing Date	12/6/2000
First Named Inventor	Liu et al.
Art Unit	2623
Examiner Name	ANAND P BHATNAGAR
Attorney Docket Number	MS1 - 684US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number <small>Number-Kind Code² (if known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AB		US- 20020102010	8/1/2002	Liu et al.	
		US- 5864630	1/26/1999	Cosatto et al.	
		US- 5995119	11/30/1999	Cosatto et al.	
		US- 6118887	9/12/2000	Cosatto et al.	
		US- 6154559	11/28/2000	Beardsley, Paul Anth	
		US- 6173069	1/9/2001	Daly et al.	
		US- 6445810	9/3/2002	Darrell et al.	
		US- 6504546	1/7/2003	Cosatto et al.	
		US- 6661907	12/9/2003	Ho et al.	
		US- 6714660	3/30/2004	Ohba, Akio	
		US- 6747652	6/8/2004	Inoue et al	
		US- 6771303	8/8/2004	Zhang et al.	
		US- 6807290	10/19/2004	Liu et al.	
		US- 6879709	4/12/2005	Tian et al.	
		US-			

FOREIGN PATENT DOCUMENTS

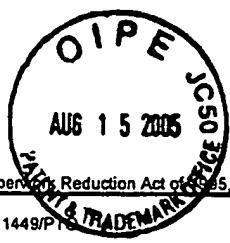
Examiner Initials*	Cite No. ¹	Foreign Patent Document <small>Country Code³ Number⁴ Kind Code⁵ (if known)</small>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	<i>Anand P. Bhatnagar</i>	Date Considered	11/22/05
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Application Number	09/731,481
Filing Date	12/6/2000
First Named Inventor	Liu et al.
Art Unit	2623
Examiner Name	ANAND P BHATNAGAR
Attorney Docket Number	MS1- 684US

NON PATENT LITERATURE DOCUMENTS

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AB		Fritsch et al. "Improving adaptive skin color segmentation by incorporating results from face detection, IEEE 0-7803-7549-9, 337-343.	
		Spors et al. "A real-time face tracker for color video", IEEE 0-7803-7041- 4/01, 1493-1496.	
		Saber et al. "Face detection and facial feature extraction using color, shape and symmetry based cost function", IEEE 1015-4651/96, 654-658.	
✓		Shinjiro Kawato et al. "Automatic Skin-color Distribution Extraction for Face Detection and Tracking" IEEE 0-7803-5747, pgs 1415-1418.	

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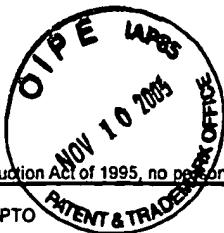
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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AB		Number-Kind Code ² (if known)			
		US- 6,009,210	12/28/1999	Kang	
		US- 6,047,078	4/4/2000	Kang	
		US- 6,188,777	2/13/2001	Darrell, et al.	
		US- 6,526,161	2/25/2003	Yan	
		US- 6,532,011	3/11/2003	Francini, et al.	
		US- 6,556,196	4/29/2003	Blanz, et al.	
		US- 6,580,821	6/17/2003	Roy	
		US- 6,919,892	7/19/2005	Cheiky, et al.	
		US-			

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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Anand Bhatnagar

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AB		Pighin Frederic et al., Synthesizing Realistic Facial Expressions from Photographs, ACM ISBN: 0-89791-9998-8, 1-10	
AB		Pei et al., Global Motion Estimation in Model-Based Image Coding by Tracking Three-Dimensional Contour feature Points, IEEE 1051-8215/98, 181-189.	
AB		Liu et al., Robust Head motion Computation by Taking Advantage of Physical Properties, IEEE 0-7695-0939-8/00, pages 73-77	
AB		Madliu et al., A robust model vased approch for eD head tracking in video sequences, pages: 169-174.	
AB		Lopez et al., 3D Head Pose Computation from 2D Images, IEEE, 0-8186-7310, pages: 599-602	
AB		Zhang et al, "Rapid Modeling of 3D Faces for Animation Using An Efficient Adaptation Algorithm	
AB		Kawato et al., "Automatic Skin-color Distribution Extraction for Face Detection and Tracking", IEEE 0-7803-5747-700, 2000 IEEE.	

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